

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009893.D
 Acq On : 09 Aug 2022 00:23
 Operator : KP/MD
 Sample : N3963-03
 Misc : 3.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-208

Quant Time: Aug 09 02:19:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

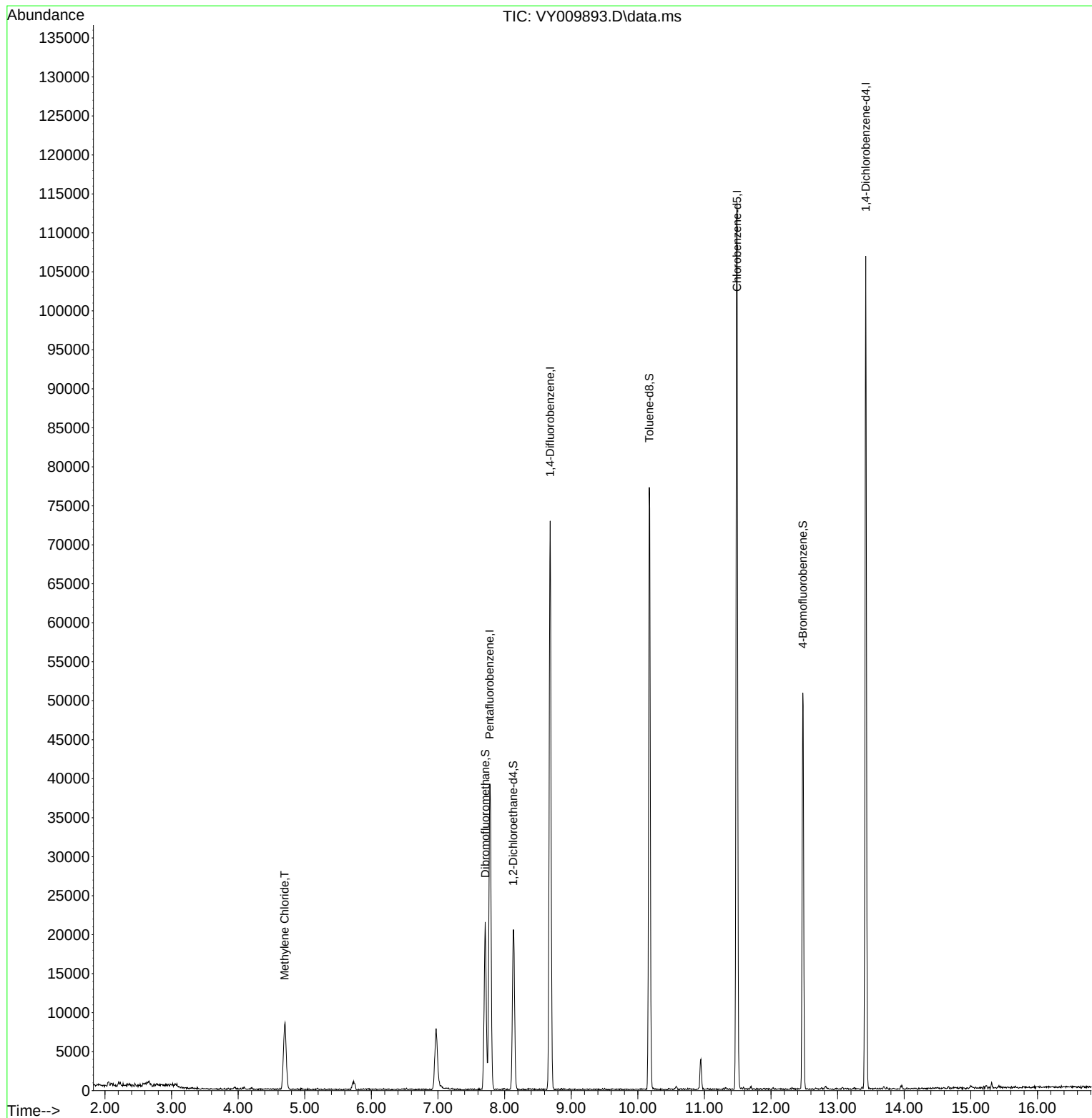
Internal Standards						
1) Pentafluorobenzene	7.777	168	30662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	61685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	61115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	25668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	15650	67.172	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.340%
35) Dibromofluoromethane	7.710	113	14213	42.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.900%
50) Toluene-d8	10.172	98	49687	48.828	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.660%
62) 4-Bromofluorobenzene	12.477	95	15331	32.790	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.580%
Target Compounds						
20) Methylene Chloride	4.698	84	6187	7.612	ug/l	Qvalue 91

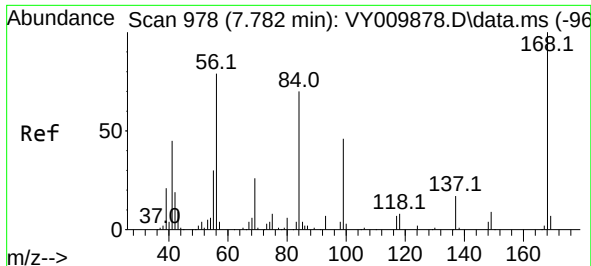
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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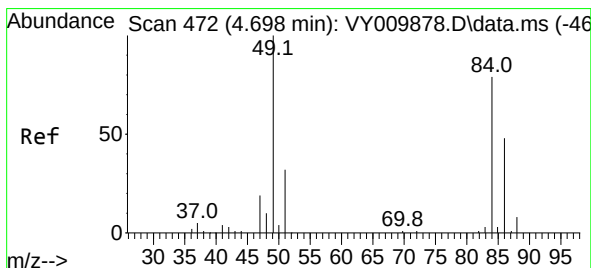
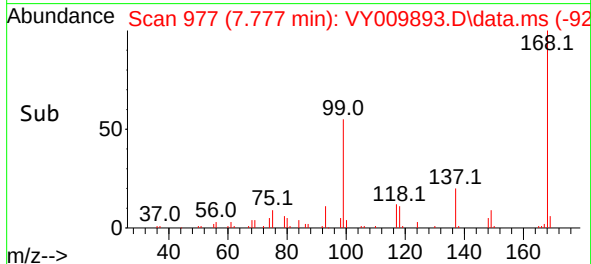
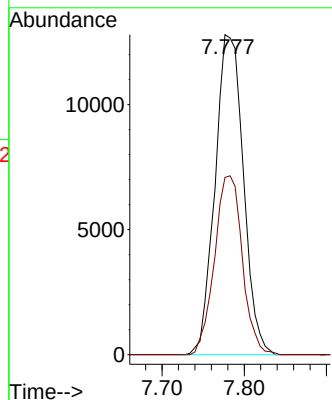
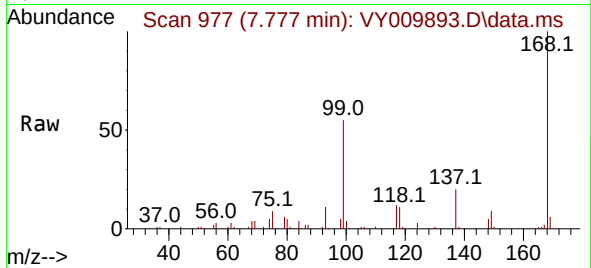




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.005 min
Lab File: VY009893.D
Acq: 09 Aug 2022 00:23

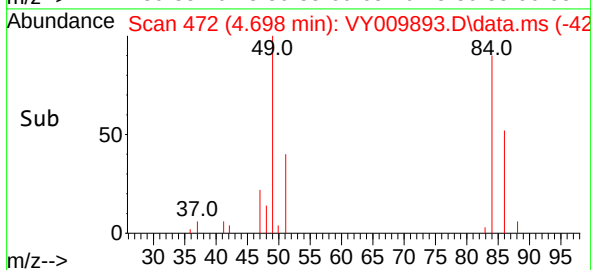
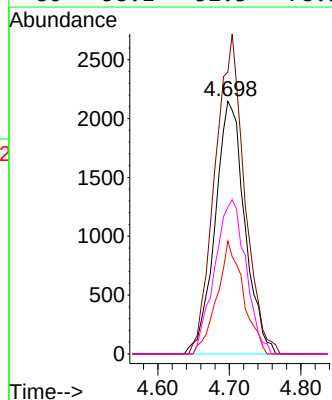
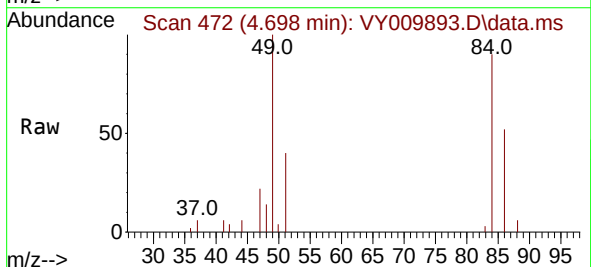
Instrument :
MSVOA_Y
ClientSampleId :
RVE-208

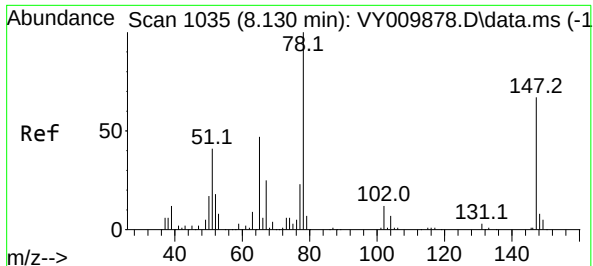
Tgt Ion:168 Resp: 30662
Ion Ratio Lower Upper
168 100
99 55.4 42.1 63.1



#20
Methylene Chloride
Concen: 7.612 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY009893.D
Acq: 09 Aug 2022 00:23

Tgt Ion: 84 Resp: 6187
Ion Ratio Lower Upper
84 100
49 111.6 98.2 147.4
51 44.6 33.4 50.0
86 58.1 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 67.172 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY009893.D

Acq: 09 Aug 2022 00:23

Instrument :

MSVOA_Y

ClientSampleId :

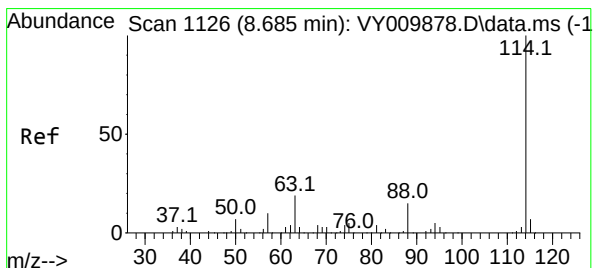
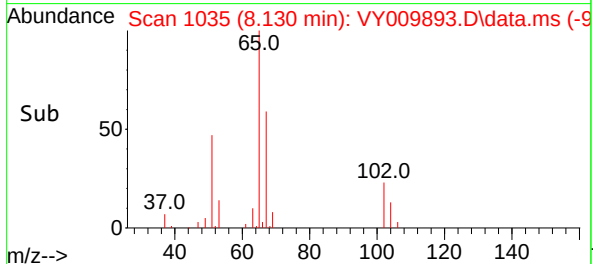
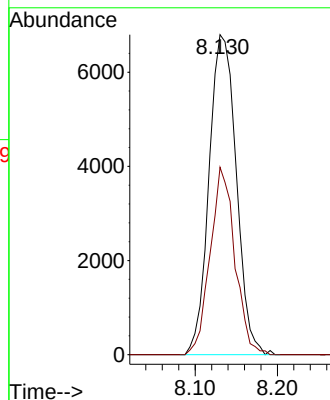
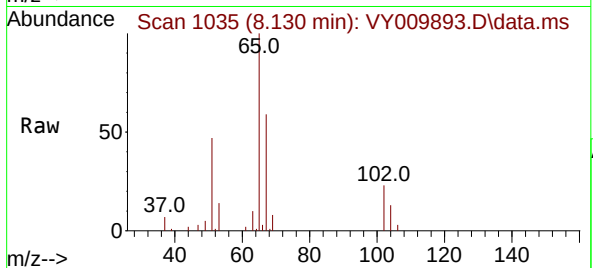
RVE-208

Tgt Ion: 65 Resp: 15650

Ion Ratio Lower Upper

65 100

67 53.2 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009893.D

Acq: 09 Aug 2022 00:23

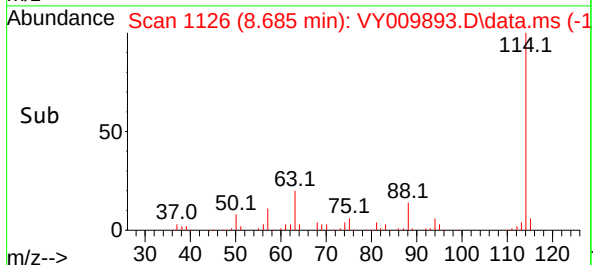
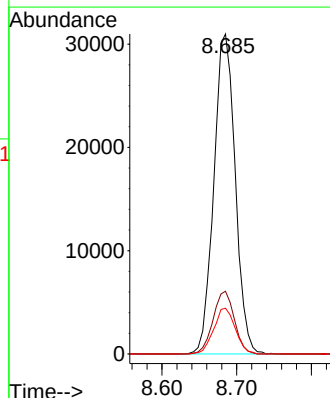
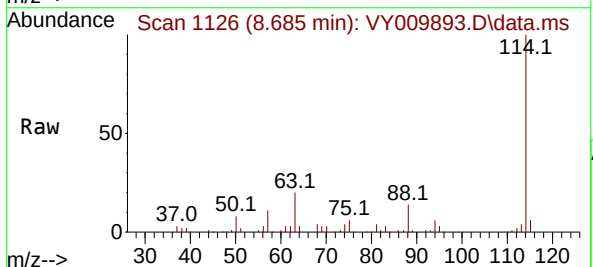
Tgt Ion: 114 Resp: 61685

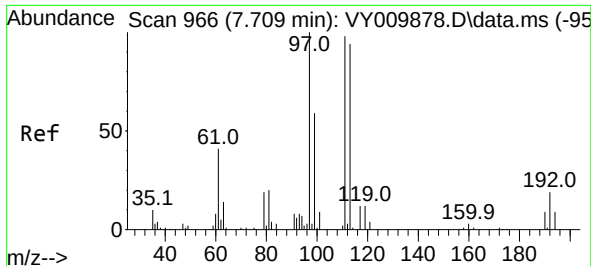
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.0

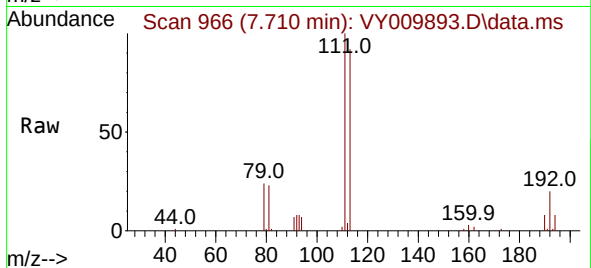
88 14.3 0.0 30.0



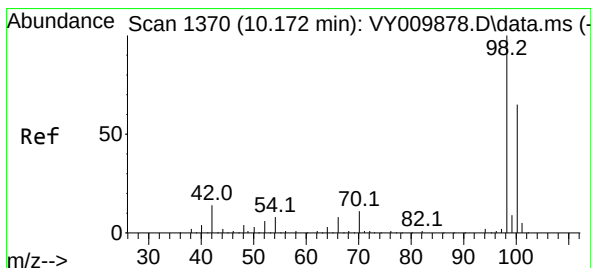
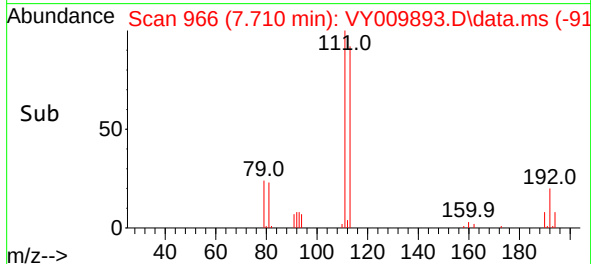
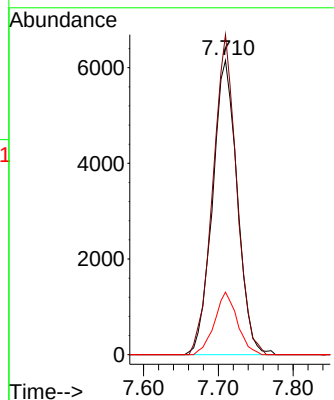


#35
 Dibromofluoromethane
 Concen: 42.445 ug/l
 RT: 7.710 min Scan# 90
 Delta R.T. 0.001 min
 Lab File: VY009893.D
 Acq: 09 Aug 2022 00:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-208

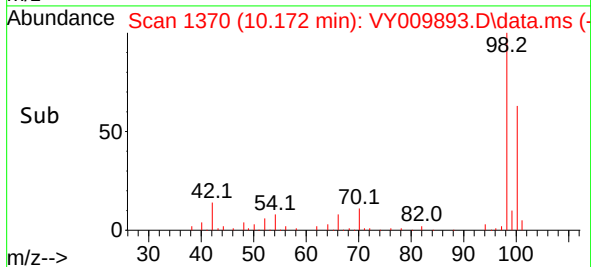
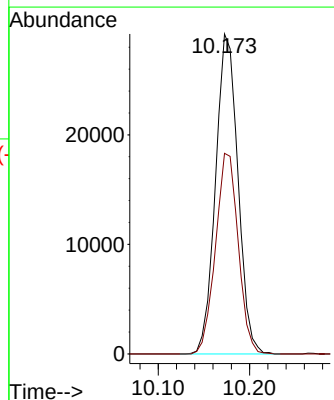
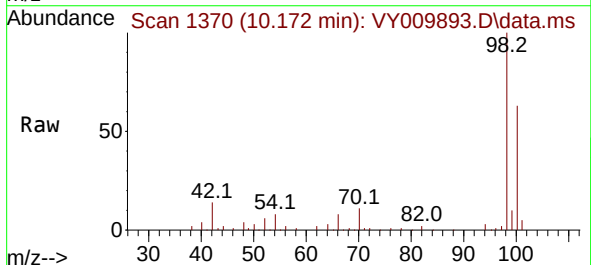


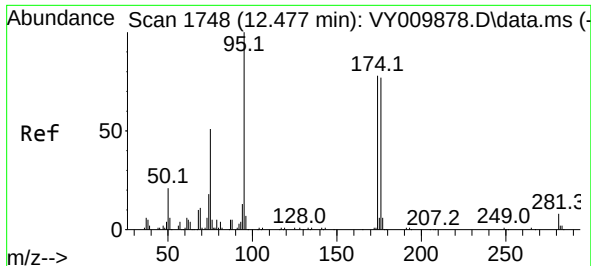
Tgt Ion:	113	Resp:	14213
Ion	Ratio	Lower	Upper
113	100		
111	103.6	80.6	120.8
192	19.5	16.2	24.4



#50
 Toluene-d8
 Concen: 48.828 ug/l
 RT: 10.172 min Scan# 1370
 Delta R.T. 0.000 min
 Lab File: VY009893.D
 Acq: 09 Aug 2022 00:23

Tgt Ion:	98	Resp:	49687
Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.9	79.3

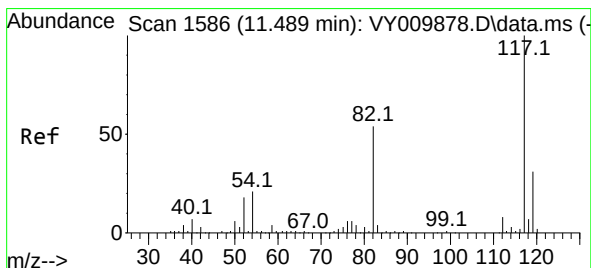
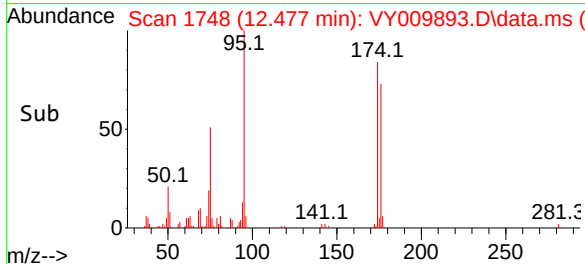
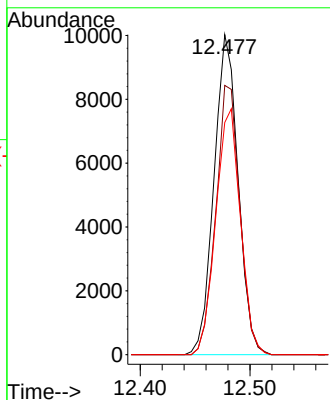
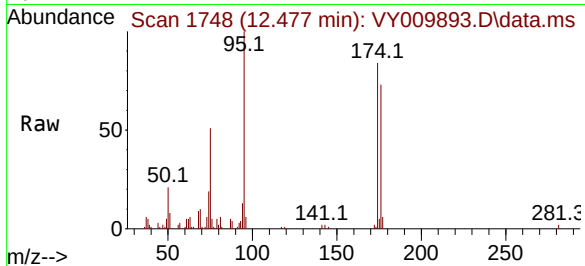




#62
4-Bromofluorobenzene
Concen: 32.790 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY009893.D
Acq: 09 Aug 2022 00:23

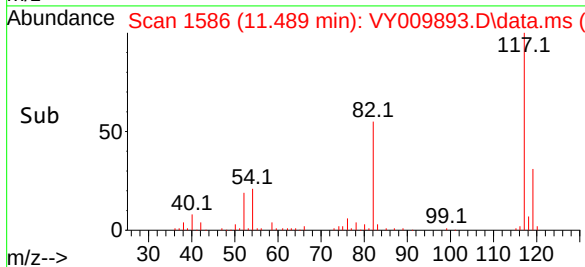
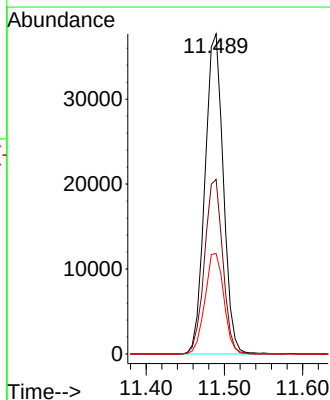
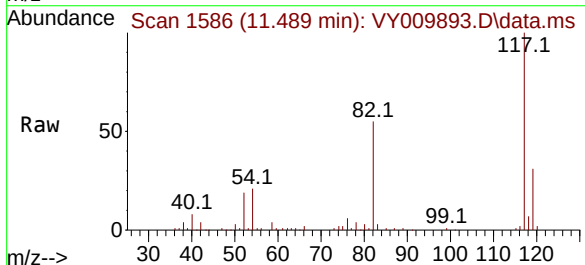
Instrument :
MSVOA_Y
ClientSampleId :
RVE-208

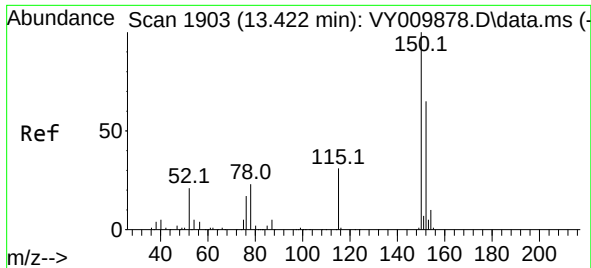
Tgt Ion: 95 Resp: 15331
Ion Ratio Lower Upper
95 100
174 83.8 0.0 173.8
176 78.7 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009893.D
Acq: 09 Aug 2022 00:23

Tgt Ion: 117 Resp: 61115
Ion Ratio Lower Upper
117 100
82 54.5 41.8 62.6
119 31.4 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009893.D

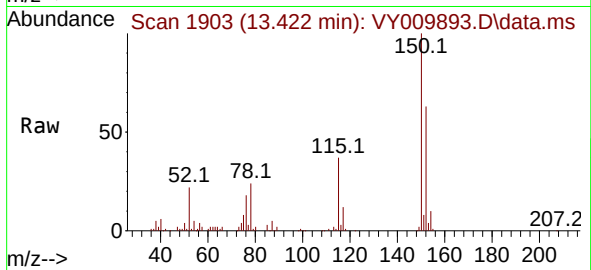
Acq: 09 Aug 2022 00:23

Instrument :

MSVOA_Y

ClientSampleId :

RVE-208



Tgt Ion:152 Resp: 25668

Ion Ratio Lower Upper

152 100

115 59.1 28.6 85.9

150 159.1 0.0 349.8

